PTO/SB/05 (01-04)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

068758.0175 Attorney Docket No. Andrej Litwin First Inventor An Arrangement for ESD Title

(Only for new nonprovisional applications under 37 CFR 1.53(b))

EV339228429US Express Mail Label No.

| See MPEP o | APPLICATION ELEMENTS chapter 600 concerning utility patent application contents. | ADDRESS TO: Commis | p Patent Application isioner for Patents x 1450 Iria VA 22313-1450 | .s. P. 1389 | | | |
|--|--|--|---|------------------|--|--|--|
| 2. Application App | red arrangement set forth below) riptive title of the invention s Reference to Related Applications ment Regarding Fed sponsored R & D rence to sequence listing, a table, computer program listing appendix ground of the Invention Summary of the Invention Description of the Drawings (if filed) | ii. Paper | dendix) d Sequence Submission le Form (CRF) uence Listing on: CD-R (2 copies); or | 17548 U 10/79 | | | |
| - Claim | | | APPLICATION PARTS | | | | |
| - Abstra 4. | act of the Disclosure ng(s) (35 U.S.C. 113) [Total Sheets] | 10. 37 CFR 3.73(b) Stater (when there is an assi English Translation Do Information Disclosure Statement (IDS)/PTO-Preliminary Amendme 14. Preliminary Amendme Return Receipt Postca (Should be specifically Certified Copy of Prior (If foreign priority is cla Nonpublication Reque (b)(2)(B)(i). Applicant or its equivalent. 17. Other: | gnee) Attorney ocument (if applicable) 1449 Copies of IDS 1449 Citations ant ard (MPEP 503) 1 itemized) 1 ity Document(s) 1 immed) 1 ist under 35 U.S.C. 122 must attach form PTO/SB/35 | | | | |
| Contin | nuation Divisional Con | tinuation-in-part (CIP) of prior applica | tion No.:PCT/SE02/01535 | | | | |
| Prior application information: Examiner Art Unit: For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. | | | | | | | |
| • | 19. CORRESP | ONDENCE ADDRESS | ··· | | | | |
| Custon | ner Number: | OR C Cor | respondence address below | | | | |
| Name | Andreas Grubert | | | | | | |
| Address | Baker Botts L.L.P. | | | | | | |
| City | 910 Louisiana, One Shell Plaza Houston | State TX | Zip Code 77002-4995 | | | | |
| Country | USA | Telephone 713-299-1964 | Fax 713-229-776 | 4 | | | |
| Name (Print/Type) Bruce W. Slayden IL Registration No. (Attorney/Agent) 33,790 | | | | | | | |
| Signature Sun W. Sanden F | | 1 | Date March 2, 2004 | | | | |
| | | | | | | | |

This collection of information is required by 37 CFR 153(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patentis, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

| _ |
|----|
| 7 |
| - |
| 57 |
| 7 |
| |
| |
| _ |
| _ |
| |
| S |
| |
| |

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information unless it displays a valid OMB control number.

| FEE TRANSMITTAL | | Complete if Known | | | |
|---|-------------|----------------------|---------------|--|--|
| FEE IRAN | SIVII I AL | Application Number | | | |
| for FY 2004 Effective 10/01/2003. Patent fees are subject to annual revision. Applicant claims small entity status. See 37 CFR 1.27 | | Filing Date | March 2, 2004 | | |
| | | First Named Inventor | Andrej Litwin | | |
| | | Examiner Name | <u> </u> | | |
| | | Art Unit | | | |
| TOTAL AMOUNT OF PAYMENT | (\$) 810.00 | Attorney Docket No. | 068758.0175 | | |

| METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) | Attorney Docket No. 1000730.0175 | | | | | | | |
|--|--|--------------|------|-----------------------------|---------|----------|---|-----------|
| Personal Account: Page P | METHOD OF PAYMENT (check all that apply) | | | FEE CALCULATION (continued) | | | | |
| Qeposit Account: | | | | 3. ADDITIONAL FEES | | | | |
| Deposit Account Number Deposit Account Num | _ | | | | | | | |
| Description Part Description Part Description Part Description Part Description Part Description Description Part Description | Donosit | | | | | | Fee Description | Fee Paid |
| Desposit Account Packet | Account UZ-U383 | | | | | | | |
| The Director is authorized to: (check all that apply) Charge fee(s) indicated below | Degosit Deltos Betto L. D. | | 1052 | 50 | 2052 | 25 | | |
| Charge fee(s) indicated below Credit any overpayments Credit any additional fee(s) or any underpayment of fee(s) Charge fee(s) indicated below and underpayment of fee(s) Charge fee(s) indicated below and underpayment of fee(s) Charge fee(s) indicated below Credit any overpayments Credit any additional fee(s) or any underpayment of fee(s) Charge fee(s) indicated below Credit any overpayments Credit any additional fee(s) or any underpayment of fee(s) 1804 920* 1805 9 Provision of SIR prior to Examiner action 1805 1,840* 1805 | | | 1053 | 130 | 1053 | 130 | Non-English specification | |
| Charge any additional fee(s) or any underpayment of fee(s) Charge feet(s) indicated below, except for the filing fee to the above-identified deposit account. FEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Plant Filing fee (s) Code (d) C | | overpayments | 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account. | | | 1804 | 920* | 1804 | 920* | | |
| Examiner action Examiner a | | | 1805 | 1.840* | 1805 | 1.840* | | |
| 1. BASIC FILING FEE Large Entity Small Entity Fee | | | | | | | Examiner action | |
| 1. BASIC FILING FEE Large Entity Small Entity | FEE CALCULATION | | | _ | i | | | |
| Large Entity Small Entity Fee | | | 1 | | l | | | |
| 1001 770 2001 385 Utility filing fee 770.00 1255 2,010 2255 1,005 Extension for reply within fifth month 1255 2,010 2255 1,005 Extension for reply within fifth month 1401 330 2402 165 Filing a brief in support of an appeal 1403 290 2403 145 Request for oral hearing 1403 290 2403 145 Request for oral hearing 1451 1,510 Petition to institute a public use proceeding 1452 110 1451 1,510 Petition to revive - unavoidable 1453 1,330 2452 55 Petition to revive - unavoidable 1453 1,330 2452 55 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1503 640 2503 320 Plant issue fee 1460 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 1806 180 Submission of Information Disclosure Stmt 1806 180 1806 180 Submission after final rejection 1706 1807 180 | Large Entity Small Entity | F - D-14 | | | 1 | | , , | |
| 1001 770 2001 385 | | ree Paid | 1254 | 1,480 | 2254 | | · · | |
| 1002 340 2002 170 Design filing fee 1401 330 2401 165 Notice of Appeal 1402 330 2402 165 Filing a brief in support of an appeal 1403 290 2403 145 Request for oral hearing 1451 1,510 Petition to institute a public use proceeding 2452 55 Petition to revive - unavoidable 1453 1,330 2451 165 Petition to revive - unavoidable 1453 1,330 255 Petition to revive - unavoidable 1453 1,330 255 Petition to revive - unintentional 1501 1,330 2501 665 Petition to revive - unintentional 1501 1,330 2501 665 Petition to revive - unintentional 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1503 640 2503 320 Plant issue fee 1503 640 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 Submission of Information Disclosure Stmt 1806 180 Submission of Information Disclosure Stmt 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 770 2810 385 Request for continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application 1909 Request for expedited examination of a design application 1909 1802 900 Request for expedited examination of a design application 1909 1802 900 Request for expedited examination of a design application 1909 1802 900 Request for expedited examination of a design application 1909 1802 900 Request for expedited examination of a design application 1909 1802 900 Request for expedited examination of a design application 1909 1802 900 Request for expedited examination of a design application 1909 1802 900 Request for expedited examination of a design application 1909 1802 900 Request for expedited examination of a design application 1909 1802 900 Request for expedited examination of a design application 1909 1802 900 Request for expedited examination of a design application 1909 1802 900 Request for expedited examination of a design application 1909 1802 900 Request for expedited examination 1909 1802 900 Request for expedited ex | | 770.00 | 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1004 770 2004 385 Reissue filing fee 1403 290 2403 145 Request for oral hearing 1451 1,510 14 | 1002 340 2002 170 Design filing fee | 770.00 | 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1005 160 2005 80 Provisional filing fee SUBTOTAL (1) (\$) 770.00 1451 1,510 Petition to institute a public use proceeding SUBTOTAL (1) (\$) 770.00 1452 110 2452 55 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1503 640 130 Petitions to the Commissioner 1507 1507 1507 1507 1507 1507 1507 1507 | 1003 530 2003 265 Plant filing fee | | 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| SUBTOTAL (1) (\$) 770.00 1452 110 2452 55 Petition to revive - unavoidable 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Claims Fee from below Fee Paid | 1004 770 2004 385 Reissue filing fee | | 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from below Fee Paid Independent Claims Multiple Dependent Large Entity 1 Small Entity Fee Fee Code (\$) Code | 1005 160 2005 80 Provisional filing fee | | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from below Fee Paid Total Claims 12 | SUBTOTAL (1) (\$) 7 | 70.00 | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| Total Claims 12 -20** = D X = 0 1502 480 2502 240 Design issue fee Total Claims I2 -3** = D X = 0 1503 640 2503 320 Plant issue fee Independent Claims Multiple Dependent Large Entity Small Entity Small Entity Fee Fee Code (\$) 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) Large Entity Small Entity Small Entity Fee Fee Code (\$) 1806 180 1806 180 Submission of Information Disclosure Stmt Fee Fee Code (\$) 2202 9 Claims in excess of 20 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1203 290 2203 145 Multiple dependent claims in excess of 30 1204 86 2204 43 Reissue independent claims over original patent 1801 770 2810 385 Request for Continued Examination (RCE) 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1802 900 1802 900 Request for expedited examination of a design application 1804 (according to the Commissioner 1503 480 2503 320 Plant issue fee 1503 640 2503 320 Plant issue fee 1503 640 640 2503 320 Plant issue fee 1503 640 640 2503 320 Plant issue fee 1604 640 640 640 | | | 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | |
| Total Claims 12 -20** = 0 X = 0 1502 480 2502 240 Design issue fee Independent Claims Multiple Dependent Large Entity Small Entity Fee Fee Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20 1201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1460 130 Petitions to the Commissioner 1460 130 Petitions to the Commission of Information Disclosure Stmt 1802 140 8021 40 Recording each patent assignment per property (times number of properties) 1802 140 8021 40 Recording each patent assignment per property (times number of properties) 1803 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(b)) 1804 770 2801 385 For each additional invention to be examined (37 CFR 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application | 2. EXTRA CLAIM FEES FOR UTILITY AN | D REISSUE | 1501 | 1,330 | 2501 | 665 | 5 Utility issue fee (or reissue) | |
| Independent Claims Multiple Dependent Large Entity Small Entity Fee Fee Fee Code (\$) 1202 | Extra Claims below | Fee Paid | 1502 | 480 | 2502 | 240 | Design issue fee | |
| Claims | Independent == " == == | | 1503 | 640 | 2503 | 320 |) Plant issue fee | |
| Large Entity Small Entity Fee Fee Fee Fee Code (\$) 1202 18 2202 9 Claims in excess of 20 1203 290 2203 145 Multiple dependent claims in excess of 20 1204 86 2204 43 "Reissue independent claims over original patent 1205 18 2205 9 "Reissue claims in excess of 20 1205 18 2205 9 "Reissue claims in excess of 20 1802 900 1802 900 1802 900 Request for expedited examination of a design application 1807 50 Frocessing tee under 37 CFR 1.Tr(4) 1806 180 Submission of Information Disclosure Stmt 8021 40 Recording each patent assignment per property (times number of properties) 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1807 1809 180 | Claims Z 3" = Z 1 ^ ^ | | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| Fee Code (\$) 1202 18 1202 9 Claims in excess of 20 1201 86 1202 143 Independent claims in excess of 3 1203 290 1204 86 1204 86 1205 9 Reissue independent claims over original patent 1205 18 1205 9 Reissue claims in excess of 20 1206 (\$) 1207 18 1208 Pee Description 8021 40 8021 40 8021 40 8021 40 8021 40 8021 40 8021 40 8021 Reissue independent patent assignment per property (times number of properties) 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 Request for expedited examination of a design application | Multiple Dependent | _ 1 | 1807 | 50 | 180 | 7 50 | Processing fee under 37 CFR 1.17(q) | |
| Code (\$) 1202 18 1202 9 Claims in excess of 20 1201 86 1203 290 1203 145 Multiple dependent claims, if not paid 1204 86 1204 43 "Reissue independent claims over original patent over original patent of and over original patent over original | | | 1806 | 180 | 180 | | | |
| 1201 86 1201 43 Independent claims in excess of 3 1203 290 1204 86 1204 86 1205 9 "Reissue claims in excess of 20 and over original patent 1205 18 1206 1207 1208 1208 1208 1208 1208 1208 1208 1208 | Code (\$) Code (\$) | n | 8021 | 40 | 802 | | property (times number of properties) | 40.00 |
| 1203 290 1204 86 1205 9 "Reissue claims in excess of 20 and over original patent" 1205 18 1206 18 1207 1208 10 1208 10 1209 1209 1209 1209 1209 1209 1209 1209 | | | 1809 | 770 | 280 | 9 385 | | |
| 1204 86 2204 43 "Reissue independent claims over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Charter (applied) (Other for (applied)) (Other for (applied)) (Other for (applied)) | | | 1810 | 770 | 281 | 0 389 | • | |
| over original patent 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application | | | 1 | | -3' | | | —— |
| and over original patent of a design application | | | 1801 | 770 | 2801 | 385 | • | |
| Other fee (specify) | | | 1802 | 900 | 1802 | 90 | | |
| CUPTOTAL (2) I(S) U | SUBTOTAL (2) (\$) 0 | | | | | | | |
| **or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00 | | | | uced by | y Basic | Filing I | Fee Paid SUBTOTAL (3) (\$) 40.0 | 0 |

(Complete (if applicable)) SUBMITTED BY Registration No. Telephone 713-229-1234 Bruce W. Slayden II 33,790 Name (Print/Type) (Attorney/Agent) March 2, 2004 Signature

> WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.